PH-ENTZERRER-VERSTAERKER
P.U. EQUALIZER AMPLIFIER
AMPLIFICATEUR EGALISEUR PHONO
AMPLIFICATORE DI CORREZIONE PHONO

MON. EINGANGSSTUFE
MONITOR INPUT-STAGE
ETAGE D'ENTREE MONITOR
STADIO D'INGRESSO MONITOR J

PHONO-LEVEL

L - LINKER KANAL
LEFT CHANNEL
CANAL DE GAUCHE
CANALE SINISTRO

R - RECHTER KANAL
RIGHT CHANNEL
CANAL DE DROITE
CANALE DESTRO

EINGANGSWAEHLER
INPUT SELECTOR
SELECTEUR D'ENTREE
SELETTORE D'INGRESSO

EING.VERST.
INPUT AMPLIFIER
AMPLIFICATEUR D'ENTREE
AMPLIFICATORE D'INGRESSO

(V) VERSTAERKERPLATTE
AMPLIFIER BOARD
C.I. AMPLIFICATEURS
PIASTRA AMPLIFICATORE
59352-790.94

(B) BUCHSENPLATTE HINTEN
SOCKET BOARD BACK
C.I. PRISE DERRIERE
PIASTRA PRESE POSTERIORE
59352-775.94

(C) BUCHSENPLATTE VORNE
SOCKET BOARD FRONT
C.I. PRISE AVANT
PIASTRA PRESE ANTERIORE
59352-785.94

MESSPUNKTE
MEASURING POINTS

ABGLEICHPUNKTE
ALIGNMENT

PHØNØ-
LEVEL

L - LINKER KANAL
LEFT CHANNEL
CANAL DE GAUCHE
CANALE SINISTRØ

R - RECHTER KANAL
RIGHT CHANNEL
CANAL DE DROITE
CANALE DESTRO

EINGANGSWAEHLER
INPUT SELECTOR
SELECTEUR D'ENTREE
SELETTORE D'INGRESSO

EING.VERST.
INPUT AMPLIFIER
AMPLIFICATEUR D'ENTREE
AMPLIFICATORE D'INGRESSO

(V)
VERSTAERKERPLATTE
AMPLIFIER BOARD
C.I.AMPLIFICATEURS
PIASTRA AMPLIFICATORE
59352-790.94

(L)
LAMPENSCHALTERPLATTE
LAMP SWITCH BOARD
C.I.INTERRUPTEUR LAMPE
PIASTRA INTERR.LAMPADINA
59352-777.94

(C)
BUCHSENPLATTE VORNE
SOCKET BOARD FRONT
C.I.PRISE AVANT
PIASTRA PRESE ANTERIØRE
59352-785.94

→ 1D REGLER-PL.
→ 6A NF-PLATTE
NF-PLATTE

GRUNDIG
A 903
FINE ARTS

LØUDNESS

LEVEL

LEVEL

KLANGREGLVERSTAERKER
TONE CONTROL AMPLIFIER
AMPLIFICATEUR REGLAGE DE TONALITE
AMPLIFICATORE REGOLAZIONE DI TONALITA

REGLERPLATTE
CONTROL BOARD
C.I.REGLAGES
PIASTRA REGOLATORR
59352-784.94

DIODENPLATTE
DIODE BOARD
C.I.DIODE
PIASTRA DIODI
59352-788.94

NF-PLATTE

MESSPUNKTE
MEASURING POINTS

ABGLEICHPUNKTE
ALIGNMENT

F POTI-PLATTE
POTENTIOMETER BOARD
C.I.POTENTIOMETREA
PIASTRA POTENZIOM.
59352-778.94

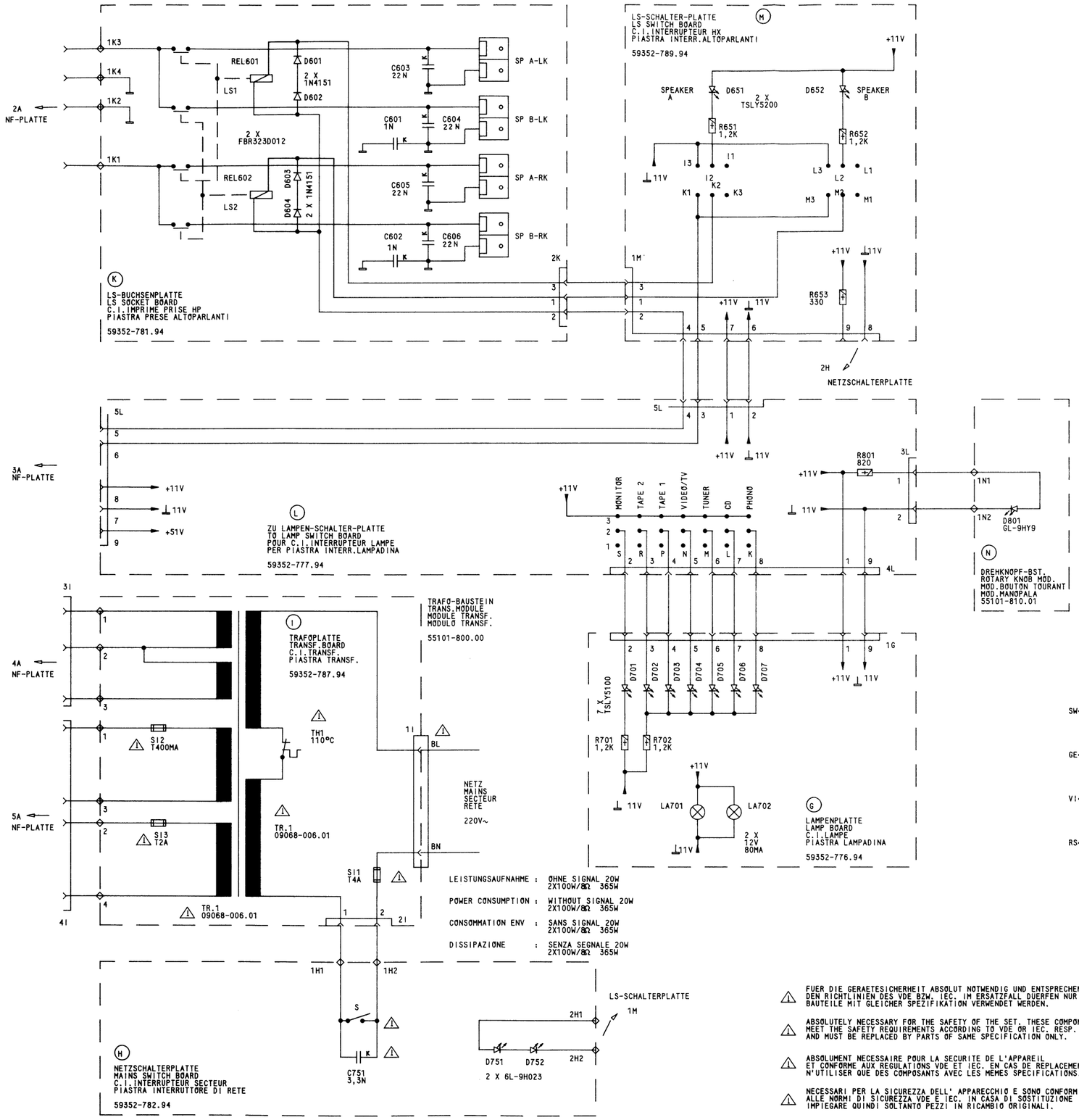
KLANGREGLVERSTAERKER
TONE CONTROL AMPLIFIER
AMPLIFICATEUR REGLAGE DE TONALITE
AMPLIFICATORE REGOLAZIONE DI TONALITA

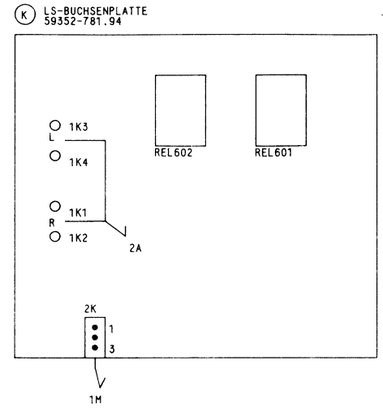
IMPEDANZ-WANDLER
IMPEDANCE CONVERTER
CONVERTISSEUR D'IMPEDANCE
CONVERTITORE DI IMPEDENZA

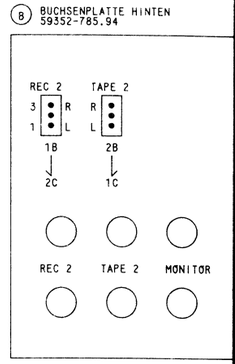
LEVEL

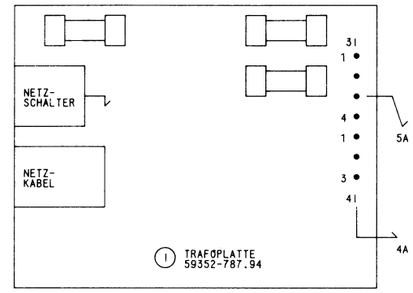
E DIODENPLATTE
DIODE BOARD
C.I.DIODE
PIASTRA DIODI
59352-788.94

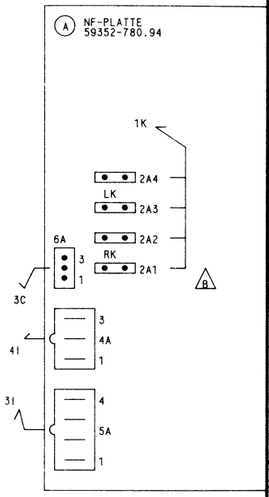
GRUNDIG
A 903
FINE ARTS



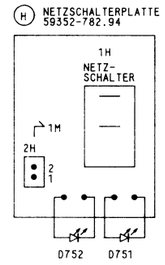


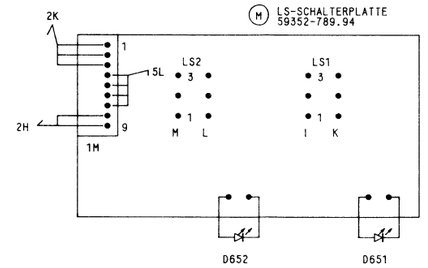


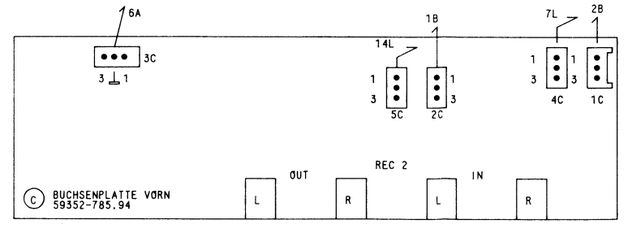




SW-SCHWARZ BLACK NOIR NERO
BN-BRAUN BROWN BRUN MARRONE
RT-ROT RED ROUGE ROSSO
GE-GELB YELLOW JAUNE GIALLO
GN-GRUEN GREEN VERT VERDE
BL-BLAU BLUE BLEU BLU
VI-VIOLETT VIOLET VIOLET VIOLETTO
GR-GRAU GREY GRIS GRIGIO
WS-WEISS WHITE BLANC BIANCO
RS-ROSA PINK ROSE ROSA
OR-ORANGE ORANGE ARANCIONE
TR-TRANSPARENT TRANSPARENT TRANSPARENT TRASPARENTE





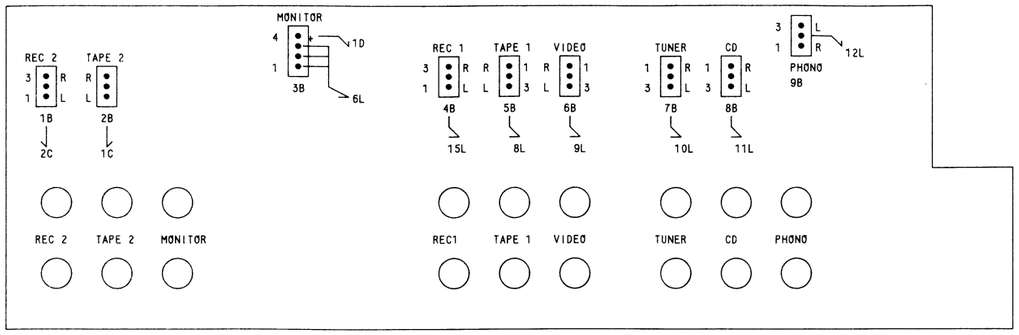


MESSPUNKTE
MEASURING POINTS
ABGLEICHPUNKTE
ALIGNMENT POINTS

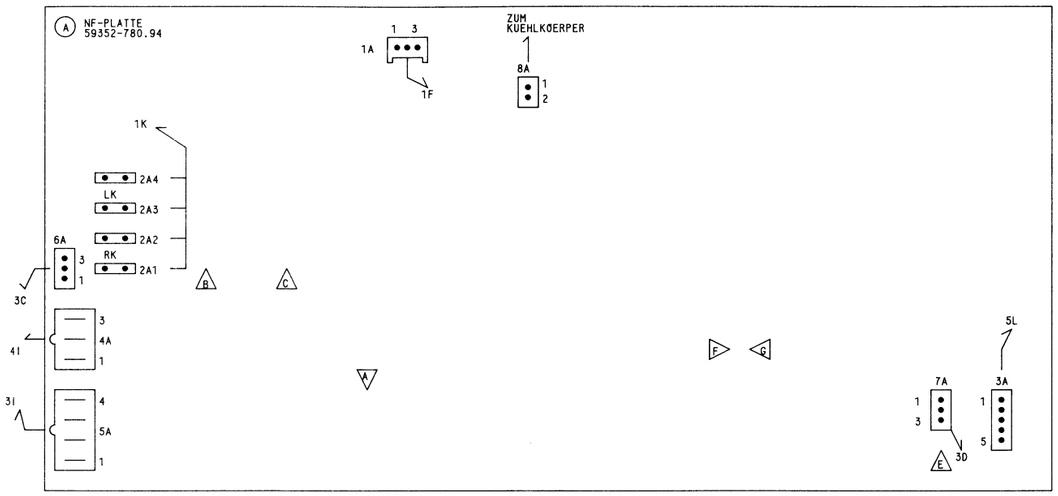
MESSPUNKTE
MEASURING POINTS
ABGLEICHPUNKTE
ALIGNMENT

REL601

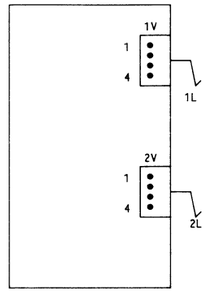
Ⓑ BUCHSENPLATTE HINTEN
59352-785.94



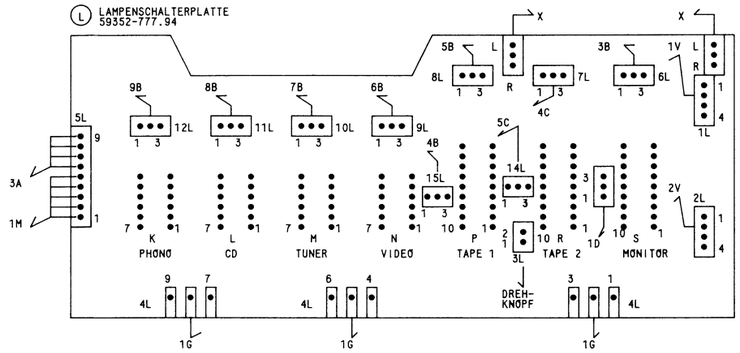
Ⓐ NF-PLATTE
59352-780.94



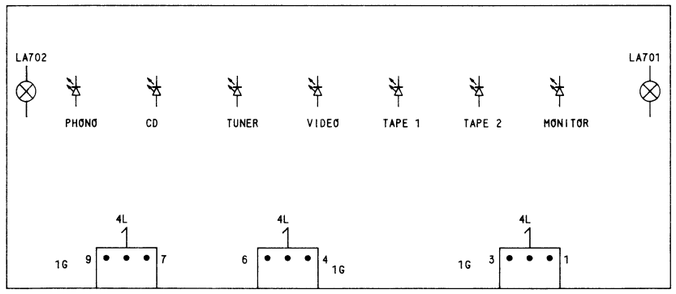
Ⓥ VERSTAERKERPLATTE
59352-790.94



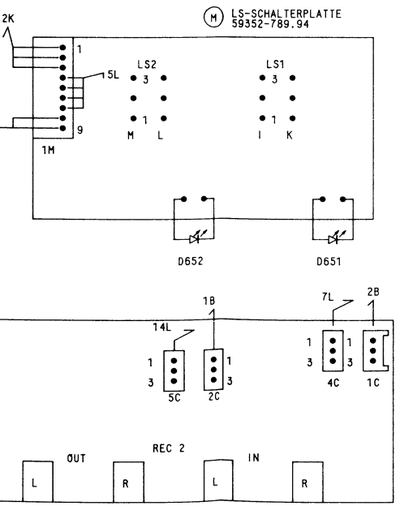
Ⓛ LAMPENSCHALTERPLATTE
59352-777.94



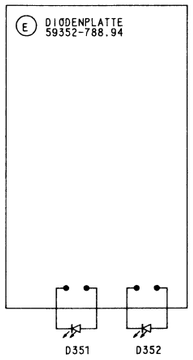
Ⓖ LAMPENPLATTE
59352-776.94



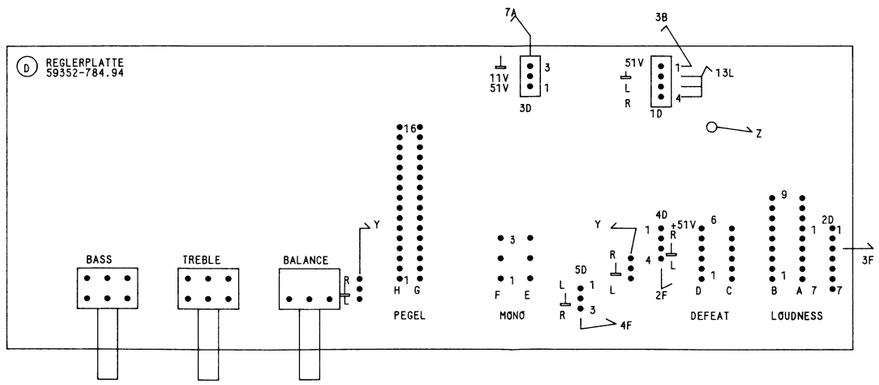
Ⓜ LS-SCHALTERPLATTE
59352-789.94



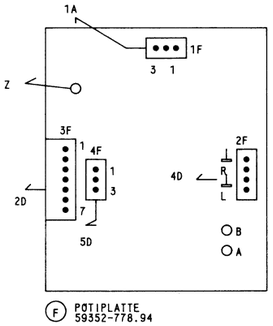
Ⓔ DIODENPLATTE
59352-788.94



Ⓓ REGLERPLATTE
59352-784.94



Ⓕ POTIPLATTE
59352-778.94



GRUNDIG

Ⓓ Btx ★ 32700 #

A 903

FINE ARTS

Service Manual A 903 Sach - Nr. 72010 - 704.05
Service manual A 903 Order - No. 72010 - 704.05

Änderungen vorbehalten
Alterations reserved

Printed in Germany

ENDSTUFE
FINAL STAGE
ETAGE FINAL
STADIO FINALE

IC401 STK4044X 8305-574-044

IC402 STK4044X 8305-574-044

HF-SCHUTZSCHALTUNG
RF-PROTECTION CIRCUIT
CIRCUIT DE PROTECTION HF
CIRCUIT DI PROTEZIONE AF

UEBERLASTSCHUTZSCHALTUNG
OVERLOAD PROTECTION CIRCUIT
CIRCUIT PROTECT. CONTRE SURCHARGE
CIRCUIT PROTEZ. CONTRO SOVRACCARICHI

EINSCHALTVERZØEGERUN
LS-GLEICHSPANNUNGSSC
SWITCH-ON DELAY
LS DC VOLTAGE PROTECTION
RETARD DE COMMUTATION
PROTECTION TENSION CONTINUE HP
RITARDO DI INSERZIONE
PROTEZIONE TENS. CONT. ALTOPARLAN

1F ← POTI-PLATTE

Ⓐ NF-PLATTE
AF BOARD
C.I.BF
PIASTRA BF

59352-780.94

3C ← BUCHSENPL. VORN

3D ← REGLERPL.

MESSPUNKTE
MEASURING POINTS

ABGLEICHPUNKTE
ALIGNMENT

EINSCHALTVERZØEGERUNG
LS-GLEICHSPANNUNGSSCHUTZ
SWITCH-ON DELAY
LS DC VOLTAGE PROTECTION
RETARD DE COMMUTATION
PROTECTION TENSION CONTINUE HP
RITARDO DI INSERZIONE
PROTEZIONE TENS. CONT. ALTOPARLANTI

ZSCHALTUNG
CUIT
SURCHARGE
SOVRACCARICHI

NETZTEIL
MAINS UNIT
C.I.SECTEUR
ALIMENTATORE

2A3
2A4
2A2 → 1K LS-BUCHSENPL.
2A1
3A
1
2 → 5L LAMPEN-SCHALTER-PL.
4
3
5
+11V
+11V
+51V

0V ±120MV
8,0V≈
C459 1N
115ØC
8A1
8A2
AUF KUEHLKØERPER
AT COOLING PLATE
AU TOLE DE REFROIDISSEMENT
AL DISSIPATORE TERMICO

+11V
0,7V
R507 1M
R513 10K
R519 10K
R523 100K
R503 220K
T421 BC 548B
T426 BC548B
T428 BC 327/25
10,6V
R525 390K
R508 100
T427 BC558B
D418 1N 4148
R526 5,1M
36,0V
R504 220K
T422 BC 548B
D417 1N4148
R524 2,2M
9,0V
D419 1N4148
C462 220U 10V
R515 220K
R516 1M
T424 BC548B
C489 0,47U
C482 1U 100V
R527 5,6K
D434 1N 4148
D435 1N 4148
R528 2,2K
R529 2,2K
4A

+1
54V
C464 220U 63V
R509 100
B
+57V
R511 100
-1
-54V
C465 220U 63V
C
-57V
C473 0,33U
C477 10000U 63V
C478 10000U 63V
C474 0,33U
4 X MR752
D421
D422
D427
D428
C483 0,33U 100V
C484 0,33U 100V
41,0V~
41,0V~
1
2
3
→ 4I TRAFØ-PL.

D
+51V
D415 ZD 51B
C463 10U 63V
C467 0,1U
T425 BD827-10
R517 33
R521 1,5K
65,0V
4 X 1N4001 D423
D429
D424
D431
C485 0,1U
C486 0,1U
51,0V~
1
2
R514 220
R512 2,7K
R518 1,5K
R522 1,5K
C479 0,1U
C475 220U 100V
C472 47U 63V
R506 2,7K
R505 1,5K
C469 0,1U
T423 BC546B
→ 3I TRAFØ-PL.

17,7V
4 X 1N4001 D425
D432
D426
D433
C487 0,1U
C488 0,1U
14,7V~
3
4
E
+11V
IC403
78M08
B305-202-808
C466 10U 50V
C468 0,1U
C476 0,1U
C481 2200U 25V
5A
+51V
+11V
D416 3,0C
C471 0,1U

8,0V≈
C461 1N
10V ±120MV
6A
1 2 3
3 1 2
7A

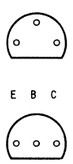
3C ← BUCHSENPL. VORN
3D ← REGLERPL.

KONDENSATOR/CAPACITOR
CONDENSATEUR/CONDENSATORE

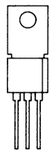
- ELKØ, ELECTROLYTIC, ELECTROLYTIQUE, ELETTROLITICO
- TANTAL ELKØ, TANTALUM ELECTROLYTIC, ELECTROLYTIQUE AU TANTALE, ELETTROLITICO AL TANTALIO
- FØLIE, FOIL, A FEUILLE, A FOGLIA
- KERAMIK, CERAMIC, CERAMIQUE, A CERAMICA
- GLIMMER, MICA, AU MICA, A MICA
- VIELSCHICHT, MULTILAYER, A COUCHES MULTIPLES, A PIU' STRATI
- POLYPROPYLEN (KS-KP)

WIDERSTAND/RESISTOR
RESISTANCE/RESISTENZA

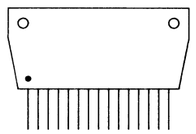
- KSW 0204 DIN
- MSW 0204 DIN
- KSW 0207 DIN
- MSW 0207 DIN
- KSW 0309 DIN, KSW 0411 DIN
- KSW 0617 DIN
- MSW 0309 DIN
- NTC
- DRAHT, WIRE, BOBINEE, A FILO
- METALLØXYDSCHICHT, METAL OXIDE, A OXYDE METALLIQUE, AD OSSIDO METALLICO
- RAUSCHARM, LOW NOISE, A SOUFFLE REDUIT, A BASSO RUMORE
- SCHWER ENTFLAMMBAR, LOW FLAMMABILITY, PEU INFLAMMABLE, A BASSA INFLAMMABILITA
- SICHERUNGSWIDERSTAND, SAFETY RESISTOR, FUSIBLE, DI SICUREZZA



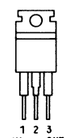
BC327
BC546
BC548
BC550
BC556
BC557
BC558
BC560



BD827



STK 4044 X



UA78M08

SPANNUNGEN MIT VOLTMETER (RI=10MΩ),FALLS NICHT ANDERS ANGEGEBEN,GEGEN MASSE GEMESSEN. MESSWERTE GELTEN BEI 220V~ NETZSPANNUNG.

IF NOT OTHERWISE INDICATED ALL VOLTAGES ARE MEASURED AGAINST CHASSIS WITH A VOLTMETER (RI=10MΩ).THE VALUES ARE VALID FOR 220V AC MAINS VOLTAGES.

SAUF INDICATION CONTRAIRE,LES TENSIONS SONT MESUREES PAR RAPPORT AU CHASSIS AVEC UN VOLTMETRE (RI=10MΩ) LES VALEURS SONT VALABLES POUR UNE TENSION SECTEUR DE 220V~ CA.

TENSIONI MISURATE CON VOLTMETRO (RI=10MΩ),SALVE ALTRE INDICATIONI,RIFERITE A MASSA. I VALORI DI MISURA VALGONO CON TENSIONE DI RETE DI 220V~.

NF-SPANNUNGEN BEI 2 X 8W AN 8Ω-8V~,AM AUSGANG, 1 KHZ,LAUTST.VOLL AUF,DEFEAT EIN,BALANCE, TREBLE,BASS MITTE,LAUTSPRECHERRELAIS EIN.

AF VOLTAGES 2 X 8W INTO 8Ω-8V~AT OUTPUT,1 KHZ VOLUME FULLY UP,DEFEAT ON,BALANCE,TREBLE AND BASS/ IN CENTRE SETTING,LOUDSPEAKER SWITCHES ON.

TENSIONS BF POUR 2 8W SUR 8Ω 8V A LA SORTIE,1KHZ, VOLUME AU MAXIMUM, DEFEAT EN SERVICE,REGLAGES DE BALANCE,TREBLE ET GRAVES EN POSITION MEDIANE, COMMUTATEURR HAUT-PARLEURS EN SERVICE.

TENSIONI BF ALL'USCITA CON 2 X 8W E 8Ω -8V~,1 KHZ, VOLUME AL MASSIMO,DEFEAT INSERITI,BILANCIAMENTO, TREBLE E BASSI AL CENTRO,COMMUTATORI DEGLI ALTO'PARLANT INSERITI.

AENDERUNGEN VØRBEHALTEN
SUBJECT TØ ALTERATIØN
MØDIFICATIØNS RESERVEES
CØN RISERVA DI MØDIFICA